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(54) Title: EXPRESSION OF BACTERIAL SIGNAL MOLECULES IN PLANTS

(57) Abstract

The ability of a plant to defend against attack by bacteria, and any virus borne by the bacteria, is enhanced by transforming the plant genome with a gene of bacterial origin which enables the plant to produce a bacterial pheromone, N-acyl-L-homoserine lactone. Such plants also secrete the lactone into the soil enhancing the protective effect of antifungal rhizobacteria.

